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(54) Title: NUTRACEUTICALS AND METHOD OF FEEDING AQUATIC ANIMALS

(57) Abstract: A delivery vehicle for bioactive agents and live probiotic microbes to aquatic animals protects the bioactive compounds and microbes from digestion and destruction in the animal stomach. It provides for controlled release of bioactive agents and live probiotic microbes to aquatic animals in the form of dry or wet beadlets with essential nutrients and attractants bound with soluble starch and cross-linked alginate. The bioactive agents and live probiotic microbes can be bound with emulsified high-amylose starch and embedded in the beadlets in the form of microparticles.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 9/14

US CL : 424/489, 402, 491, 493; 264/41

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/489, 402, 491, 493; 264/41

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 6,534,091 B1 (GARCES GARCES et al.) 18 March 2003 (18.03.2003), see entire document.	1-86
Y	US 6,340,527 B1 (VAN SOEST et al.) 22 January 2002 (22.01.2002), see entire document.	1-86
Y	US 6,375,985 B1 (BOMBERGER et al.) 23 April 2002 (23.04.2002), see entire document.	1-86

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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